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AIR QUALITY GENERAL CONSTRUCTION PERMIT

PERMIT NUMBER: GCP-CRUSH-1

Permit Name: Aggregate Processing Plant

Project Description: Aggregate Processing Plant (Portable and Stationary)

Typical Standard Industrial Classification (SIC) Code: 1429, Crushed and Broken Stone, Not Elsewhere Classified

Revised or Superseded Construction Permits: none

Pursuant to Chapter 14 of the Nebraska Air Quality Regulations, the public has been notified by prominent advertisement of the proposed construction of air contaminant sources meeting the specific criteria of this general construction permit and the thirty (30) day period allowed for comments has elapsed. This general construction permit approves the construction of specific types of Aggregate Processing Plants. This permit document and the associated application make up the complete permit for the specific source identified in the application.

Compliance with this permit shall not be a defense to any enforcement action for violation of an ambient air quality standard. The permit holder, owner, and operator of the facility shall assure that the installation, operation, and maintenance of all equipment is in compliance with all of the conditions of this permit.

The undersigned issues this permit on behalf of the Director under the authority of Nebraska Administrative Code Title 129 – Nebraska Air Quality Regulations as amended July 6, 2015.

2/10/2016
Date

Shelley Schneider
Shelley Schneider, Air Administrator
Air Quality Division



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ABBREVIATIONS, SYMBOLS, and UNITS OF MEASURE

AP-42	Compilation of Air Pollutant Emission Factors, Volume I, Stationary Point and Area Sources	NDEQ	Nebraska Department of Environmental Quality
BACT	Best Available Control Technology	NESHAP	National Emission Standards for Hazardous Air Pollutants
bhp	Brake Horsepower	NO ₂	Nitrogen Dioxide
BMP	Best Management Practice	NO _x	Nitrogen Oxides
Btu	British Thermal Unit	NSPS	New Source Performance Standard
bu	Bushel	NSR	New Source Review
CAA	Clean Air Act	PAL	Plant-wide Applicability Limit
CE	Control Equipment	Pb	Lead (chemical abbreviation)
CEM	Continuous Emissions Monitor	PbR	Permit-by-Rule
CEMS	Continuous Emissions Monitoring System	PEMS	Parametric Emissions Monitoring System
cf	Cubic feet	PM	Particulate Matter
CFR	Code of Federal Regulations	PM ₁₀	Particulate Matter with and aerodynamic diameter equal to or less than 10 microns
CO	Carbon Monoxide	PM _{2.5}	Particulate Matter with and aerodynamic diameter equal to or less than 2.5 microns
CO ₂	Carbon Dioxide	ppb	Parts per Billion
CO ₂ e	CO ₂ equivalent	ppm	Parts per Million
CP	Construction Permit	ppmv	Parts per Million by volume
DGS	Distiller's Grains with Solubles	ppmvd	Parts per Million by volume, dry basis
DDGS	Dry Distillers Grains with Solubles	PSD	Prevention of Significant Deterioration
dscf	Dry Standard Cubic Feet	PTE	Potential to Emit
dscfm	Dry Standard Cubic Feet per Minute	RVP	Reid Vapor Pressure
EMIS	Emergency Management Information System	RATA	Relative Accuracy Test Audit
EPA	Environmental Protection Agency	RMP	Risk Management Plan
EQC	Environmental Quality Council	RTO	Regenerative Thermal Oxidizer
EP	Emission Point	scf	Standard Cubic Feet
ESP	Electrostatic Precipitator	SIC	Standard Industrial Classification
EU	Emission Unit	SIP	State Implementation Plan
FID	Facility Identification Number	SO ₂	Sulfur Dioxide
FDCP	Fugitive Dust Control Plan	SO _x	Sulfur Oxides
FGR	Flue Gas Recirculation	TDS	Total Dissolved Solids
FIP	Federal Implementation Plan	TO	Thermal Oxidizer
FR	Federal Register	TO/HRSG	Thermal Oxidizer with Heat Recovery Steam Generator
ft	Feet	tpy	Tons per year
FTIR	Fourier Transform Infrared	TRS	Total Reduced Sulfur
GHGs	Greenhouse Gases	TSP	Total Suspended Particulate Matter
H ₂ S	Hydrogen Sulfide	ULNB	Ultra Low-NO _x Burner
HAP	Hazardous Air Pollutant	UST	Underground Storage Tank
hp	Horsepower	UTM	Universal Transverse Mercator
hr	Hour	VHAP	Volatile Hazardous Air Pollutant
lb	Pound	VMT	Vehicle Miles Traveled
LDAR	Leak Detection and Repair	VOC	Volatile Organic Compound
LNB	Low-NO _x Burner	WDGS	Wet Distiller's Grains with Solubles
MACT	Maximum Achievable Control Technology		
Mgal	One Thousand gallons		
MMBtu	One Million British Thermal Units		
MMscf	One Million Standard Cubic Feet		
MSDS	Material Safety Data Sheet		
MW	Megawatt		
NAAQS	National Ambient Air Quality Standards		

I. GENERAL CONDITIONS

- (A) Coverage granted under this permit is not transferable to another source or location except as provided for in Condition IV. {Chapter 9}
- (B) Coverage under this permit does not relieve the owner or operator of the source from the responsibility to comply with all applicable portions of the Nebraska Air Quality Regulations and any other requirements under local, State, or Federal law. Any permit noncompliance shall constitute a violation of the Nebraska Environmental Protection Act and the Federal Clean Air Act, and is grounds for enforcement action or permit revocation. {Chapter 41 and Chapter 17, Section 011}
- (C) Application for review of plans or advice furnished by the Director will not relieve the owner or operator of legal compliance with any provision of these regulations, or prevent the Director from enforcing or implementing any provision of these regulations. {Chapter 37}
- (D) Any owner or operator who failed to submit any relevant facts or who submitted incorrect information in a general permit application shall, upon becoming aware of such failure or incorrect submittal, promptly reapply for coverage or submit a construction permit application under the provisions of Chapter 17. {Chapter 17, Sections 006, 007, and 008}
- (E) Approval to construct will become invalid if a continuous program of construction is not commenced within 18 months after the date of coverage granted by this general construction permit, if construction is discontinued for a period of 18 months or more, or if construction is not completed within a reasonable period of time. {Chapter 17, Section 012}
- (F) The owner or operator shall allow the NDEQ, EPA or an authorized representative, upon presentation of credentials to: {Neb. Rev. Statute §81-1504}
- (1) Enter upon the owner or operator's premises at reasonable times where a source subject to this permit is located, emissions-related activity is conducted or records are kept, for the purpose of ensuring compliance with the permit or applicable requirements;
 - (2) Have access to and copy, at reasonable times, any records, for the purpose of ensuring compliance with the permit or applicable requirements;
 - (3) Inspect at reasonable times any facilities, pollution control equipment, including monitoring and air pollution control equipment, practices, or operations, for the purpose of ensuring compliance with the permit or applicable requirements;
 - (4) Sample or monitor at reasonable times substances or parameters for the purpose of ensuring compliance with the permit or applicable requirements.
- (G) When requested by the NDEQ, the owner or operator shall submit completed emission inventory forms for the preceding year to the NDEQ by March 31 of each year. {Chapter 6}
- (H) Open fires are prohibited except as allowed by Chapter 30.
- (I) Particulate Matter – General Requirements: {Chapter 32}
- (1) The owner or operator shall not cause or permit the handling, transporting or storage of any material in a manner, which allows particulate matter to become airborne in such

quantities and concentrations that it remains visible in the ambient air beyond the property line.

- (2) The owner or operator shall not cause or permit the construction, use, repair or demolition of a building, its appurtenances, a road, a driveway, or an open area without applying all reasonable measures to prevent particulate matter from becoming airborne and remaining visible beyond the property line. Such measures include, but are not limited to, paving or frequent cleaning of roads, driveways and parking lots; application of dust-free surfaces; application of water; and planting and maintenance of vegetative ground cover.
- (J) If and when the Director declares an air pollution episode as defined in Chapter 38, Section 003.01B, 003.01C, or 003.01D, the owner or operator shall immediately take all required actions listed in Title 129, Appendix I until the Director declares the air pollution episode terminated.
- (K) This permit may be revised (reopened and reissued) or revoked for cause in accordance with Title 129 and Nebraska Administrative Code Title 115 -Rules of Practice and Procedure. Conditions under which this permit will be revised or revoked for cause, include but are not limited to: {Chapter 15, Section 006}
- (1) A determination by the Director, or the Administrator of EPA that:
 - (a) the permit must be revised to ensure compliance with the applicable requirements;
 - (b) the permit contains a material mistake or that inaccurate statements were made in the emissions standards or other terms or conditions of the permit.
 - (2) A determination by the Director that the source or activity endangers human health or the environment and that the danger cannot be removed by a revision of the permit.
- (L) Coverage under this permit may be revoked for cause in accordance with Title 129 and Title 115. Conditions under which this permit will be revised or revoked for cause, include but are not limited to: {Title 129, Chapter 15, Section 006}
- (1) The existence at the source of unresolved noncompliance with applicable requirements or a term or condition of the permit, and refusal of the owner or operator to agree to an enforceable schedule of compliance to resolve the noncompliance;
 - (2) The failure of the owner or operator to pay a penalty owed pursuant to court order, stipulation and agreement, or order issued by the Administrator of the EPA; or
 - (3) The submittal by the owner or operator of false, incomplete, or misleading information to the NDEQ or EPA.

II. SPECIFIC CONDITIONS

- (A) The owner/operator of the source shall provide the following notifications to the NDEQ:
- (1) The date construction commenced as defined in Chapter 1. Notification shall be postmarked no later than 30 days after such date and include a summary description and whether the requirement to commence construction was met through: {Title 129, Chapter 17, Section 012}
 - (a) Initiating physical on-site construction activities of a permanent nature that meet the definition of “begin actual construction”, or
 - (b) Entering into binding agreements or contractual obligations. If this option is used, the notice shall also include a brief summary of each binding agreement or contractual obligation entered into, the date of the agreement or contract, and why it cannot be cancelled or modified without substantial loss to the owner or operator.
- (2) The notification required in Condition II.(A)(1) shall also include an equipment list which must detail: {Title 129, Chapter 17, Sections 006, 007, and 008}
- (a) All equipment associated with the facility;
 - (b) The maximum rated capacity for all equipment;
 - (c) The date of the initial construction of the aggregate crushing facility; and
 - (d) The date of manufacture for each engine at the facility.
- (3) The date on which the source first becomes operational, postmarked within 15 days after such date. {Chapter 7, Section 002.03}
- (B) Recordkeeping: Records of all measurements, results, inspections, and observations as required to ensure compliance with all applicable requirements shall be maintained on-site as follows:
- (1) All calculations and records required throughout this permit shall be completed no later than the fifteenth (15th) day of each calendar month and shall include all information through the previous calendar month, unless otherwise specified in this permit.
 - (2) All records required throughout this permit shall be kept for a minimum of five (5) years and shall be clear and readily accessible to NDEQ representatives, unless otherwise specified in this permit.
 - (3) Copies of all notifications, reports, test results, and plans.
 - (4) Calibration records for all operating parameter monitoring equipment.
 - (5) Operation and Maintenance manuals, or equivalent documentation, detailing proper operation and maintenance of all permitted emission units, required control equipment, and required monitoring equipment shall be kept for the life of the equipment.

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- (6) Records documenting equipment failures, malfunctions, or other variations, including date and time of occurrence, remedial action taken, and when corrections were made to each piece of permitted equipment, required control equipment, and required monitoring equipment.
- (C) All permitted emission units, control equipment, and monitoring equipment shall be properly installed, operated, and maintained. {Chapter 34, Section 006 and Chapter 35, Sections 006.02 and 006.05}
- (D) When performance testing is required it shall be completed and submitted to the NDEQ as follows: {Chapter 34}
- (1) Performance tests shall be conducted while operating at maximum capacity (operating conditions producing the highest emissions or loading to the control device) within sixty (60) days after first reaching the maximum capacity, but not more than 180 days after the start-up of operations of each unit, unless otherwise specified by the NDEQ.
 - (2) Testing shall be conducted according to the methodologies found in Title 129, Chapter 34, Section 002, or other NDEQ approved methodologies.
 - (3) Performance tests shall be conducted for a minimum of three (3) one hour runs unless another run time is specified by the applicable Standard or as deemed appropriate by the NDEQ.
 - (4) The owner or operator of a source shall provide the NDEQ at least thirty (30) days written notice prior to testing to afford the NDEQ an opportunity to have an observer present. The owner or operator shall also provide the NDEQ with an emissions testing protocol at least thirty (30) days prior to testing. The NDEQ may, in writing, approve a notice of less than 30 days. If the testing is pursuant to an underlying requirement contained in a federal rule, the notice provisions of the underlying requirement apply.
 - (5) The owner or operator shall monitor and record the operating parameters for process and control equipment during the performance testing required in the permit.
 - (6) A written copy of the test results signed by the person conducting the test shall be provided to the NDEQ within sixty (60) days of completion of the test unless a different period is specified in the underlying requirements of an applicable Federal Rule and will, at a minimum, contain the following items:
 - (a) A description of the source's operating parameters (e.g. production rates, firing rates of combustion equipment, fuel usage, etc.), control equipment parameters (e.g. baghouse fan speeds, scrubber liquid flow rates, etc.), and ambient conditions (e.g. weather conditions, etc.) during testing.
 - (b) Copies of all data sheets from the test run(s).
 - (c) A description and explanation of any erroneous data or unusual circumstance(s) and the cause for such situation.
 - (d) A final conclusion section describing the outcome of the testing.
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- (E) Any emissions due to malfunctions, unplanned shutdowns, and ensuing start-ups that are, or may be, in excess of applicable emission limits shall be reported to the NDEQ in writing and mailed within 48 hours of the beginning of each period of excess emissions. {Chapter 35, Sections 004 and 005}

III.(A) Specific Conditions for Material Processing**(1) Permitted Emission Points:**

- (a) The source is permitted to construct the emission points and associated emission units identified in the following table at the maximum quantities listed. Each emission unit shall be controlled by the required control equipment as indicated:

Emission Point ID#	Required Control Equipment Description	Emission Unit Description	Maximum Quantity
EP-CRUSH1	CE Wet Suppression	EU Primary Crusher	1
EP-CRUSH2	CE Wet Suppression	EU Secondary Crusher	1
EP-CRUSH3	CE Wet Suppression	EU Tertiary Crusher	1
EP-SCREEN1	CE Wet Suppression	EU Primary Screen	1
EP-SCREEN2	CE Wet Suppression	EU Secondary Screen	1
EP-SCREEN3	CE Wet Suppression	EU Tertiary Screen	1
EP-RECYCLE	CE Wet Suppression	EU Crusher Recycle Conveyor	1
EP-CONVEY	CE Wet Suppression	EU Process Conveyors	11 ^[1]
EP-UNLOAD	-	EU Truck Unloading	N/A ^[2]
EP-LOAD	-	EU Product Loading	N/A ^[2]

^[1] Each process conveyor run must be a continuous movement on a single conveyor with no material transfer points. A facility may count multiple conveyors in parallel as a single run, provided they split total throughput and there is no operating scenario where the combined annual throughput for the parallel conveyors could exceed the total annual production limit.

^[2] Loading and unloading are limited by the annual production limit, facilities may use any configuration for, or number of, loading and unloading stations.

- (b) The quantity of emission units authorized by this permit at the aggregate processing plant covered under this permit shall not exceed the quantities identified in Condition III.(A)(1)(a). {Chapter 17}
- (c) The maximum individual capacities of EU Primary Crusher, EU Secondary Crusher, and EU Tertiary Crusher shall not exceed 500 tons of crushed aggregate per hour. {Chapter 17}
- (2) Emission Limitations and Testing Requirements:**

- (a) The emissions limitations of Title 129, Chapter 20, Sections 001 and 004 apply to the emission points in Condition III.(A)(1)(a); with the exception that Section 004 does not apply to any emission point subject to 40 CFR 60, Subpart OOO. {Chapter 20}
- (b) The emission limitations and required test methods of 40 CFR 60, Subparts A and OOO (as of the issuance date of this permit) are identified in the following table. The intent of this condition is only to identify the applicable Federal emission limitations and test methods and is not to establish any new or different requirements than the underlying Federal Standard. Refer to 40 CFR 60, Subparts A and OOO for additional testing and emission limitation requirements that may apply to applicable emission units at the aggregate processing plant. {Chapter 18}

Emission Point Description	Pollutant	Permitted Limit	Basis for Limit	Testing Method
All screening operations, transfer points on belt conveyors, and enclosed truck or railcar loading stations at plants that commenced construction, modification, or reconstruction after August 31, 1983 but before April 22, 2008	Opacity	≤ 10%	40 CFR 60, Subpart 000 & Chapter 18	Method 9 ^[1]
All crushers at which a capture system is not used that commenced construction, modification, or reconstruction after August 31, 1983 but before April 22, 2008	Opacity	≤ 15%	40 CFR 60, Subpart 000 & Chapter 18	Method 9 ^[1]
All screening operations, transfer points on belt conveyors, and enclosed truck or railcar loading stations at plants that commence construction, modification, or reconstruction on or after April 22, 2008	Opacity	≤ 7%	40 CFR 60, Subpart 000 & Chapter 18	Method 9 ^[1]
All crushers at which a capture system is not used that commence construction, modification, or reconstruction on or after April 22, 2008	Opacity	≤ 12%	40 CFR 60, Subpart 000 & Chapter 18	Method 9 ^[1]

^[1]The testing method is to be Method 9 with additional requirements for certain situations. Refer to 40 CFR 60 Subpart 000 for additional information.

- (c) The source shall conduct performance tests on all screening operations, transfer points on belt conveyors, enclosed truck or railcar loading stations, and crushers in accordance with testing requirements and emission limitations required by 40 CFR 60 Subpart 000 not later than 180 days after start-up of operation in the state of Nebraska. {Chapter 34}
 - (i) Condition III.(A)(2)(c) shall not apply to fixed sand and gravel plants and crushed stone plants with rated capacities of 25 tons per hour or less.
 - (ii) Condition III.(A)(2)(c) shall not apply to portable sand and gravel plants and crushed stone plants with rated capacities of 150 tons per hour or less.
- (d) The NDEQ may waive the testing requirement of Condition III.(A)(2)(c) if the source submits valid performance test results demonstrating compliance with the emission limitations of 40 CFR 60 Subpart 000. {Chapter 34}

(3) Operational and Monitoring Requirements and Limitations

- (a) All crushers, screens, and process conveyors shall be directly equipped with water or wet suppression spray bars to control particulate emissions. {Chapters 17, 18 and 20}
 - (i) There shall be a steady flow of water coming out of the spray bars at all times the associated emission unit is in operation.

- (ii) The source shall conduct daily observations of the nozzles on each spray bar each day the associated emission unit is in operation. If corrective action is necessary it shall be taken immediately to ensure proper operation of the spray bars.
 - (b) The source shall not produce more than 3,750,000 tons of crushed aggregate per any period of twelve (12) consecutive calendar months. At no time during the first eleven (11) calendar months after permit coverage is obtained shall the source produce more than 3,750,000 tons of crushed aggregate. {Chapter 17}
 - (c) The source shall only crush aggregate, which is defined as: crushed or broken stone, sand or gravel, recycled concrete, or any mixture the majority of which consists of crushed or broken stone, sand or gravel, recycled concrete, or other nonmetallic mineral as defined in 40 CFR 60, Subpart OOO. {Chapter 17}
 - (d) A source representative shall conduct visible emissions surveys of the emission units identified in Condition III.(A)(1)(a) on a daily basis during daylight hours when the facility is operating to determine whether there are visible emissions, leaks, or other indications that may necessitate corrective action. If corrective action is required, it shall occur immediately. {Chapter 34}
 - (i) The results of the visible emissions surveys shall be recorded in a log, which shall include, at a minimum, the following items:
 1. The emission points included in the survey.
 2. All emission points from which visible emissions occurred (except for water vapor).
 3. Corrective action(s) taken.
 4. Emission points for which the units were not in operation during the survey.
 5. Each entry shall be dated and initialed by the person conducting the visible emissions survey.
 - (e) The source shall comply with the applicable operational and monitoring requirements and limitations of 40 CFR 60, Subparts A and OOO. {Chapter 18}
- (4) Applicable NSPS, NESHAP, and MACT Requirements:

The emission units identified in Condition III.(A)(1)(a) may be subject to the applicable NSPS requirements listed below:

Applicable Requirement	Title	Rule Citation
NSPS, Subpart A	General Provisions	Chapter 18, Sec. <u>001.01</u> 40 CFR 60.1
NSPS, Subpart OOO	Nonmetallic Mineral Processing Plants	Chapter 18, Sec. <u>001.33</u> 40 CFR 60.670

(5) Reporting and Recordkeeping Requirements:

- (a) Records shall be kept documenting the maximum individual capacities of EU Primary Crusher, EU Secondary Crusher, and EU Tertiary Crusher.
- (b) Records shall be kept documenting the daily inspection of the nozzles on each spray bar and the corrective actions taken if needed.
- (c) Records shall be kept documenting the weight of aggregate produced for each calendar month and each period of twelve (12) consecutive calendar months.
- (d) Records shall be kept documenting the type of aggregate processed.
- (e) The source shall maintain a copy of the visible emissions survey logbook.
- (f) The source shall comply with the applicable recordkeeping and reporting requirements established in 40 CFR 60, Subparts A and OOO.

III.(B) Specific Conditions for Engines**(1) Permitted Emission Points:**

- (a) The source is permitted to construct the emission points and associated emission units identified in the following table at the maximum capacity and fuel type listed:

Emission Point ID#	Emission Unit Description	Total Capacity (HP)	Permitted Fuel Type
EP-ENGINE	EU Engines	825	Diesel

- (b) The total aggregate stationary engine capacity authorized by this permit at the aggregate processing plant covered under this permit shall not exceed 825 horsepower. {Chapter 17}

(2) Emission Limitations and Testing Requirements:

- (a) The emissions limitations of Chapter 20, Sections 002 and 004 applies to the emission points identified in Condition III.(B)(1); with the exception that Section 002 does not apply to any emission point subject to a more stringent requirement in 40 CFR Part 60, Subpart III. {Chapter 20}
- (b) The source shall comply with the applicable emission limitations and testing requirements as specified in 40 CFR Part 60 Subpart III and 40 CFR Part 63 Subpart ZZZZ for all stationary engines. {Chapters 18 and 28}

(3) Operational and Monitoring Requirements and Limitations

- (a) The source shall be limited to 3,000 operating hours per any period of twelve (12) consecutive calendar months for each engine. At no time during the first eleven (11) months after permit coverage is obtained shall the operating hours for each engine exceed 3,000 hours. {Chapter 17}
- (i) Each stationary engine shall be equipped with a non-resettable hour meter to record the operating hours.
- (b) The source shall comply with the applicable operational and monitoring requirements and limitations as specified in 40 CFR Part 60 Subparts A and III and 40 CFR Part 63 Subparts A and ZZZZ for all stationary engines. {Chapters 18 and 28}

(4) Applicable NSPS, NESHAP, and MACT Requirements:

The emission units identified in Condition III.(B)(1)(a) may be subject to the applicable NSPS and NESHAP requirements listed below:

Applicable Standard	Title	Rule Citation
NSPS, Subpart A	General Provisions	Title 129, Chapter 18, Sec. <u>001.01</u> 40 CFR 60.1
NSPS, Subpart III	Stationary Compression Ignition Internal Combustion Engines	Title 129, Chapter 18, Sec. <u>001.76</u> 40 CFR 60.4200

Applicable Standard	Title	Rule Citation
NESHAP, Subpart A	General Provisions	Title 129, Chapter 28, Sec. <u>001.01</u> 40 CFR 63.1
NESHAP, Subpart <i>ZZZZ</i>	Stationary Reciprocating Internal Combustion Engines	Title 129, Chapter 28, Sec. <u>001.88</u> 40 CFR 63.6580

(5) Reporting and Recordkeeping Requirements:

- (a) Records shall be kept documenting the total aggregate stationary engine capacity.
- (b) The source shall record and maintain records documenting the hours of operation for each stationary engine for each calendar month and for each period of twelve (12) consecutive calendar months.
- (c) The source shall comply with the applicable reporting and recordkeeping requirements as specified in 40 CFR Part 60 Subparts A and IIII and 40 CFR Part 63 Subparts A and *ZZZZ* for all stationary engines.

III.(C) Specific Conditions for Haul Roads**(1) Permitted Emission Points:**

All on-site haul roads with production-related traffic shall comply with the following conditions. {Chapters 17 and 32}

(2) Emission Limitations and Testing Requirements:

Haul roads are subject to the requirements of Title 129, Chapter 32, Section 002.

(3) Operational and Monitoring Requirements and Limitations:

(a) The owner or operator shall utilize best management practices (BMP) on haul roads. The effectiveness of the BMP to minimize emissions from haul roads will be demonstrated by compliance with General Condition I.(I). {Chapters 17 and 32}

(b) A survey of the plant property and haul roads shall be conducted for each day of operation during daylight hours to determine if visible fugitive emissions are being generated and leaving plant property. Implementation of BMP shall be taken upon observation of visible fugitive emissions leaving plant property. {Chapter 32}

(4) Applicable NSPS, NESHAP, and MACT Requirements:

The NDEQ has not identified any NSPS, NESHAP, or MACT requirements that apply to the haul roads.

(5) Reporting and Recordkeeping Requirements:

(a) Records shall be kept documenting the use of BMP on haul roads.

(b) Records shall be kept documenting the date and time of fugitive dust surveys, whether visible emissions crossed site boundaries, and any corrective action taken if visible emissions are observed in areas to which the public has access.

IV. Specific Conditions for Relocation

- (A) The owner or operator shall notify the Director at least 20 days in advance of any proposed change in source location. The following information shall be provided for the proposed new location: {Chapter 10}
- (1) A specific description of the source, including Standard Industrial Classification (SIC),
 - (2) A legal description, accurate to the nearest quarter section,
 - (3) Present or previous use,
 - (4) Distance to the nearest occupied building,
 - (5) General description of the site location and adjacent land use,
 - (6) The anticipated dates of operation of the source at the proposed new location,
 - (7) Contact information for the responsible on site source operator including: name, mailing address, and telephone number,
 - (8) The source FID number assigned by the Department, and
 - (9) The relocation notification shall be signed by a responsible source official or source owner certifying its content.
- (B) Relocation within any of the following jurisdictions will require additional notifications:
- (1) Lancaster County {Neb. Rev. Statute §81-1504(23)}
 - (a) If the proposed new location is within Lancaster County, the source shall also notify the Air Quality Section of the Lincoln-Lancaster County Health Department (LLCHD) at least 20 days in advance of the proposed location change. An additional permit may also be required from LLCHD if the source intends to locate within this jurisdiction.
 - (2) City of Omaha {Neb. Rev. Statute §81-1504(23)}
 - (a) If the proposed new location is within 3 miles of the Omaha Corporate City limits, the source shall also notify the Air Quality Section at Omaha Air Quality Control (OAQC) at least 20 days in advance of the proposed location change. An additional permit may also be required from OAQC if the source intends to locate within this jurisdiction.
 - (3) Tribal Lands
 - (a) If the proposed new location is on Tribal Lands, the source shall also notify and receive approval from the United States Environmental Protection Agency Region VII office and/or the Tribe, as appropriate, at least 20 days advance of the

proposed location change. An additional permit may also be required if the source wants to locate within these jurisdictions.

- (4) Cass County {Chapter 21}
 - (a) If the proposed new location is within Cass County, Nebraska, rock processing operations at the source are subject to Chapter 21 requirements requiring 85% reduction in potential emissions from conveying, transfer operation, and railcar and truck loading. Demonstration of the 85% reduction in potential emissions must be submitted with the change in source location notification. An air quality impact analysis, including dispersion modeling, may also be required to ensure compliance with Title 129, Chapter 4 prior to locating in Cass County.
- (C) The Director may disapprove a new proposed location for a temporary source if operation in the new location would cause or contribute to a violation of state or local standards or otherwise adversely affect human health or the environment. {Chapter 10}